

HL POWER COMPANY  
"Wen" 1  
(035-90064)  
13/29N/15E MD B&M

LOCATION: Wendell, California

PREPARED BY: Arthur Geier

DATE	DEPTH	OPERATIONS
		NOTE: All depths measured from Kelly Bushing, 9' above ground level.
2/10/82		Prepare equipment and rig for travel to Wendell location (rig in Woodland, CA.)
2/11/82		Wait on orders to move rig.
2/12/82		Move rig and equipment from Woodland, CA. to Wendell, CA.
2/13/82	265'	Rigged up rig and flowline, picked up 12½" bit (S4TJ Serial No. 861844) and tools, measured in hole, tagged top of 9-5/8" liner at 765', and pulled out of hole.
2/14/82	PBTD 197'	Picked up Halliburton RTTS, ran in hole to 300', set tool and tested lap of 13-3/8"-9-5/8" to 300 psi, pulled RTTS up to 165' and set again. Mixed and pumped 130 cubic feet of class "G" cement with 1:1 perlite and 40% silica flour and 3% gel and CaCl <sub>2</sub> , cemented in place at 3:50 a.m. Waited on cement until 9:00 a.m. <sup>2</sup> Prepared for squeeze No. 2. Mixed and pumped plug #2 as follows: 175 cu. ft. of class "G" cement with 1:1 perlite and 40% silica flour and 3% gel and 3% CaCl <sub>2</sub> , cemented in place at 7:20 a.m. Waited on cement 4 hours, ran in hole to top of cement at 185'. Drilled out cement to 235' and ran in to top of 9-5/8" casing, pulled out of hole, rigged up casing crews to run 10-3/4" liner, ran liner as follows: Ran 18 joints (546.87') of J-55 ST&C 40.5ppf casing with Midway stab in shoe (2.1') and Midway J slot hanger tool (1.0'), total liner length 567.97'. Hung casing with top of liner at 197 KBE (188' ground level), rigged up Halliburton to cement liner.
2/15/82	PBTD 197'	Circulated 100 cu. ft. water ahead. Mixed and pumped 175 cu. ft. (84 sacks) class "G" cement with 1:1 perlite and 40% silica flour and 3% gel and 3% CaCl <sub>2</sub> , and displaced with 300 cu. ft. of water, pulled out of casing hanger and circulated out cement 30' above hanger, pulled out of hole, cemented in place at 1:15 a.m. Waited on cement, ran in hole with 12½" bit (#861844), drill collars and drill pipe, tagged top of 10-3/4" liner, no cement, tested lap--no good, pulled out of hole, picked up RTTS tool, ran in hole, set tool at 167', mixed and pumped 175 cu. ft. (84 sacks) class "G" cement with 1:1 perlite, 40% silica flour and 3% gel and 3% CaCl <sub>2</sub> . Displaced with 13 cu. ft. water, cemented in place at noon 12/15/82, closed surface valves and held pressure on tubing for 2 hours, pressured up on tubing to 300 pounds; bled off, pulled out of hole with RTTS, picked up 12½" bit, ran in hole and circulated clean at top of 10-3/4" liner, pulled out of hole.
2/16/82	PBTD 165'	Picked up RTTS, ran in hole and set at 165', pumped 50 cu. ft. water ahead, mixed and pumped 275 cu. ft. (130 sacks) class "H" cement with Thixset components A and B and 3% CaCl <sub>2</sub> . Displaced with 15 cu. ft., cemented in place at 3:00 a.m., stopped and held pressure for 6 hours, pressured up on cemented lap to 500 psi,

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DATE	DEPTH	OPERATIONS
2/16/82	PBTD 165'	Continued: 150 psi dropped in 5 minutes, pulled out of hole with RTTS, picked up 12½" bit, ran in hole, tagged cement at 186', drilled out cement to top of liner, tested lap to 500 psi, pulled out of hole, picked up 9-7/8" tooth bit (M4NJ #961785), ran in hole, drilled out float collar at 725' inside 10-3/4" liner, circulated hole clean at bottom of liner, took off flowline and flanged up blank flange to rotating head, pressured up all laps and casing to 500 pounds with rig--test good, pulled out of hole, picked up 8-3/4" button bit (#303187), ran in hole and tagged E.Z.S.V. inside 9-5/8" casing.
2/17/82	PBTD 840'	Drilled out E.Z.S.V. plug, picked up drill pipe and ran in hole pushing part of plug to bottom. Had circulation to approximately 5400' then lost circulation, pushed plug to 5710' without circulation, pulled out of hole, layed down drill pipe and drill collars.
2/18/82	5710'	Tore down rig and moved rig and equipment to Woodland, California.

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